



INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 112713-115	Application No.
	Applicant Frank Landherr et al.	
	Filing Date January 31, 2002	Group 3763

U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
	A1	4,737,214	04/12/88	Leurink, Odoorn et al.			
	A2	4,827,099	05/02/89	Krebs, Hamm et al.			
	A3	5,188,697	02/23/93	Lueghamer et al.			
	A4	5,371,767	12/06/94	William E. Pirl			
	A5	5,410,131	04/25/95	Brunet et al.			
	A6	5,464,496	11/07/95	Wilson et al.			
	A7	5,518,575	05/21/96	T. Watanabe			
	A8	5,520,218	05/28/96	D. Hlavinka et al.			
	A9	5,554,253	09/10/96	T. Watanabe			
	A10	5,749,414	05/12/98	H. Damsohn et al.			
	A11	5,802,689	09/08/98	H. Sano			
	A12	5,968,380	10/19/99	T. Hayashi			
	A13	6,004,311	12/21/99	K. Heilmann et al.			
	A14	6,026,882	02/22/00	Y. Yamada et al.			
	A15	6,251,202	06/26/01	John F. Murphy			
	A16	6,270,599	08/07/01	John Wood			
	A17	6,293,594	09/25/01	Safarevich et al.			
	A18	6,299,596	10/9/01	Ni Ding			
	A19	6,308,882	10/30/01	Shuster et al.			
	A20	6,132,833	10/17/00	D. Spencer			
	A21	5,928,216	07/27/99	D. Spencer			
	A22	6,071,690	06/06/00	D. Spencer			
	A23	5,855,731	01/05/99	D. Spencer			
	A24	5,871,612	02/16/99	D. Spencer			
	A25	5,733,268	03/31/98	D. Spencer			
	A26	5,919,173	07/06/99	D. Spencer			
	A27	5,141,592	08/25/92	D. Spencer, et al.			
	A28	5,156,701	10/20/92	D. Spencer, et al.			

Examiner: <i>Ph TR</i>	Date Considered: <i>7/16/02</i>
*Examiner: Initial if citation considered, whether or not citation is in conformance with PEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No.

112713-115

Application No.

Applicant

Frank Landherr et al.

Filing Date

January 31, 2002

Group

3763

U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
	A29	5,158,630	10/27/92	D. Spencer, et al.		
	A30	5,209,800	05/11/93	D. Spencer, et al.		
	A31	5,244,522	09/14/93	D. Spencer, et al.		
	A32	5,248,359	09/28/93	D. Spencer, et al.		
	A33	5,256,229	10/26/93	D. Spencer		
	A34	5,279,685	01/18/94	D. Spencer, et al.		
	A35	5,397,425	03/14/95	D. Spencer, et al.		
	A36	5,525,186	06/11/96	D. Spencer, et al.		
	A37	5,632,852	05/27/97	D. Spencer, et al.		
	A38	5,674,333	10/07/97	D. Spencer		
	A39	5,496,291	03/05/96	D. Spencer		
	A40	5,342,345	09/30/94	D. Spencer		
	A41	4,619,642	10/28/86	D. Spencer		
	A42	5,037,395	08/06/91	D. Spencer		
	A43	4,864,101	09/05/89	D. Spencer, et al.		
	A44	4,793,880	12/27/88	D. Spencer, et al.		
	A45	4,897,138	01/30/90	D. Spencer, et al.		
	A46	4,770,735	09/13/88	D. Spencer, et al.		
	A47	4,832,773	05/23/89	D. Spencer, et al.		
	A48	4,913,756	04/30/90	D. Spencer, et al.		
	A49	4,933,036	06/12/90	D. Spencer, et al.		
	A50	4,753,697	06/28/88	D. Spencer, et al.		
	A51	4,516,971	05/14/85	D. Spencer		
	A52	4,488,961	12/18/84	D. Spencer		
	A53	4,610,670	09/09/86	D. Spencer		
	A54	4,507,119	03/26/85	D. Spencer		
	A55	4,412,835	11/1/83	D. Spencer		
	A56	4,369,779	01/25/83	D. Spencer		

Examiner:

[Signature]

Date Considered:

7/10/04

*Examiner: Initial if citation considered, whether or not citation is in conformance with PEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No.
112713-115

Application No.

Applicant
Frank Landherr et al.

Filing Date
January 31, 2002

Group
3763

U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
	A57	4,496,362	01/29/85	Hendrik J. Leurink		
	A58	4,439,192	03/27/84	Hendrik J. Leurink		
	A59	4,663,032	05/05/87	Johannes A. Loos et al.		
	A60	5,061,451	10/29/91	Karlheinz Ganshirt et al.		
	A61	5,026,019	06/25/91	Frank T. Biekart et al.		
	A62	4,997,430	03/05/91	Johannes Van der Heiden et al.		
	A63	5,224,937	07/06/93	Johannes van der Heiden		
	A64	5,368,586	11/29/94	Johannes Van Der Heiden et al.		
	A65	5,254,825	10/19/93	Alex Schippers		
	A66	5,256,845	10/26/93	Alex Schippers		
	A67	5,272,304	12/21/93	Bernard W. Been et al.		
	A68	6,094,969	08/01/00	Johannes Antonius Loos et al.		
	A69	5,879,318	03/09/99	Johannes Van Der Heiden et al.		
	A70	6,022,344	02/08/00	Else Johanna Meijer		
	A71	Des. 357,926	05/02/95	D. Spencer, et al.		
	A72	Des. 355,848	02/28/95	D. Spencer, et al.		

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No
	B1	WO 2001162314 A2	08/30/01	WIPO		
	B2	EP 1 064 960 A2	01/03/01	Europe		
	B3	EP 0 723 851 A2	07/31/96	Europe		
	B4	EP 0 583 582 A1	02/23/94	Europe		

Examiner:

[Signature]

Date Considered:

7/16/04

*Examiner: Initial if citation considered, whether or not citation is in conformance with PEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No. 112713-115	Application No.
Applicant Frank Landherr et al.	
Filing Date January 31, 2002	Group 3763

FOREIGN PATENT DOCUMENTS								
Examiner's Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
	B5	EP 0 619 175 A2	10/12/94	Europe				
	B6	EP 0 515 811 B1	08/02/00	Europe				
	B7	6-91010 - English Language Translation	04/05/94	Japan				
	B8	6-91011 - English Language Translation	04/05/94	Japan				
	B9	6-233817 - English Language Translation	08/23/94	Japan				
	B10	P2000-126288A - English Language Translation	05/09/00	Japan				
	B11	EP 0 725 134 A2	08/07/96	Europe				
	B12	EP 0 508 251 B1	08/02/95	Europe				
	B13	JP53014772A (Abstract)	02/09/78	Japan				
	B14	8 101 391 (Abstract)	10/18/82	Netherlands				
	B15	3 734 170 (Abstract)	04/20/89	Germany				
	B16	EP 0 406 485 A (Abstract)	01/09/91	Europe				
	B17	EP 0 689 846 A1 (Abstract)	01/03/96	Europe				

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	C1	Copy of web page http://www.cellrobotics.com/perslasette.html printed on August 3, 2001.
	C2	Copy of web page http://www.laserweld.com/laser-welding.html printed on March 21, 2001.
	C3	Copy of web page http://www.coherentic.com/html/about.html printed on March 21, 2001.
	C4	Copy of web page www.dencotcd.com
OTK	C5	LaseRevolution, Inc. web page printed March 21, 2001.
OTK	C6	Joining Technologies LLC web page, "Electron Beam Welding", printed March 20, 2001.
OTK	C7	Ebeam web page printed March 20, 2001.

Examiner: <i>OTK</i>	Date Considered: <i>7/16/04</i>
*Examiner: Initial if citation considered, whether or not citation is in conformance with PEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 112713-115	Application No.
	Applicant Frank Landherr et al.	
	Filing Date January 31, 2002	Group 3763

Examiner's Initials		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	C8	Dimetrics, Inc. web page printed March 20, 2001.
	C9	MPW web page printed March 20, 2001.
	C10	Fresenius HemoCare, Inc. web page printed June 6, 2002.
	C11	Industrial Microphotonics Company web page printed March 21, 2001.
	C12	Joining Technologies web page, "Weld Joint Design", printed March 21, 2001.
	C13	Electrox - Manufacturing Solutions web page printed March 21, 2001.
	C14	TWI Technology web page printed March 21, 2001.
	C15	Joining Technologies, "Laser Beam Welding", printed March 21, 2001.

Examiner:	Date Considered: 7/16/04
*Examiner: Initial if citation considered, whether or not citation is in conformance with PEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 112713-115	Application No. 10/061,835
	Applicant Landherr et al.	
	Filing Date January 31, 2002	Group 1234

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS								
Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation		
						Yes	No	
	FR1471450	03-03-67	France					
	JP72044977	11-1972	Japan					
	JP 46042639	12-16-71	Japan					
	JP 48089236	11-21-73	Japan					
	JP 75016826	06-16-75	Japan					
	JP 57150533	09-17-82	Japan					
JTK	WO 8300699	03-03-83	PCT					
	JP 58124648	07-25-83	Japan					
	JP 58132552	08-06-83	Japan					
JTK	CA 1205783	06-10-86	Canada					
	JP 62244614	10-26-87	Japan					
	JP 63126709	05-30-88	Japan					
	EP 307546	03-22-89	Europe					
	JP 1210486	08-24-89	Japan					
	JP 2113052	04-25-90	Japan					
	JP 02269753 A2	11-05-90	Japan					
	EP 418772	03-27-91	Europe					
	JP 3120042	05-22-91	Japan					
	CN 1052131	06-12-91	China					
	JP 3177682	08-01-91	Japan					
	JP 4208419	07-30-92	Japan					
	JP 5042640	02-23-93	Japan					

Examiner: <i>John T. Kavan</i>	Date Considered: <i>7/16/04</i>
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 112713-115	Application No. 10/061,835
	Applicant Landherr et al.	
	Filing Date January 31, 2002	Group 1734

FOREIGN PATENT DOCUMENTS								
Examiner's Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
		JP 5124146	05-21-93	Japan				
✓	JTK	WO 9315908 A1	08-19-93	PCT				
✓		JP 08003526 A2	01-06-96	Japan				
✓		JP 08003527 A2	01-09-96	Japan				
✓	JTK	WO 9604704	02-15-96	PCT				
		JP 08295862 A2	11-12-96	Japan				
		EP 564231 B1	05-14-97	Europe				
		WO 9836902 A1	08-27-98	PCT				
		WO 9924242 A1	05-20-99	PCT				
		BR 9705844	06-29-99	Brazil				
✓	JTK	WO 200005316	02-03-00	PCT				
✓		JP 2000170967	06-23-00	Japan				
✓		JP 2000301592	10-31-00	Japan				
✓		JP 2000344852 A2	12-12-00	Japan				
✓	JTK	WO 200146332 A1	06-28-01	PCT				
✓	JTK	WO 200160586 A1	08-23-01	PCT				
✓	JTK	WO 200166662	09-13-01	PCT				
✓	JTK	WO 200185417	11-15-01	PCT				
		JP 2002146303 A2	05-22-02	Japan				

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Search Report dated July 5, 2002.

Examiner: <i>MT Haran</i>	Date Considered: <i>7/16/02</i>
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	